

# TRION<sup>®</sup>

Air Purification Systems



## Media Air Cleaners

*Air Bear<sup>®</sup> Series*

Air Purification Systems | [www.trioninc.com](http://www.trioninc.com)

# Media Air Cleaners

## Is your home's air a danger to your family?

EPA studies indicate that the air inside your home may contain up to 10 times more pollution as that outside your door. Indoor air pollution can irritate the eyes, nose, and throat, cause headaches, dizziness, and fatigue and aggravate asthmatic and allergic conditions.

The average central forced heat or air conditioning system typically performs some form of air cleaning; such systems only capture large particles and are not efficient enough to catch microscopic airborne pollutants and particles. Trion® media air cleaners are rated to MERV 8 and MERV 11 filtration standards to eliminate airborne pollutants. The American Lung Association® and the EPA® both recommend reducing indoor air pollution to improve health; a Trion® media air cleaner can help.

Dirty air does not just harm the health of your home's inhabitants it is also harmful to your heating or air conditioning equipment. Dirty air particles stick to the internal components of the system and damage internal motors, fans and cause poor heat transfer on the system's coils. In addition to the benefits of breathing clean air, Trion® electronic air cleaners keep your system clean and operating at peak energy efficiency.

## Pollutant Facts

- 350 Million particles of pollutants are inhaled everyday - which is equivalent to 2 teaspoons.
- 50 Million Americans suffer from allergies.
- 20 Million Americans suffer from asthma.
- 6 Billion dollars each year are spent on treating respiratory problems.
- Poor ventilation accounts for more than half of all indoor air quality problems.



# Air Bear® Series Air Cleaners

Trion® air cleaners feature charged-media filters that effectively capture large and small airborne pollutants to MERV 8 or MERV 11 filtration standards. High-efficiency media air cleaners can clean large amounts of air while offering whisper-quiet operation. The Trion® Air Bear® line of ducted media air cleaners easily attach to your home's heating and cooling unit.



Air Bear® Supreme

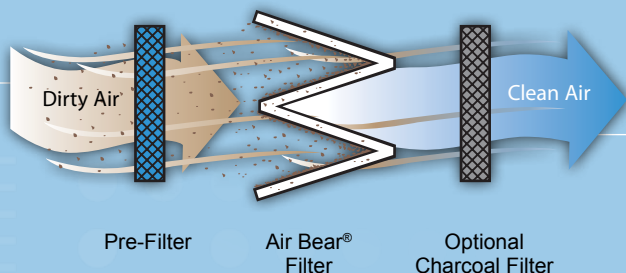
Air Bear® Right Angle

Trion® Air Bear® Supreme and Air Bear® Right Angle media air cleaners offer outstanding performance, effectively removing mold spores, pollen, and other airborne contaminants. Using highly efficient, 100% electrostatically-charged synthetic material and an extended surface-pleat filter design, the Air Bear® media filters have been proven to have a higher dirt holding capacity than competitive filters – 5 to 10 times more efficient than traditional 1" throw-away filters.

The Air Bear® Supreme is a one-piece wrap around, 20-gauge cabinet, while the Air Bear® Right Angle space-saving design is ideal for installation situations that require a 90° duct adapter. The Air Bear® Supreme is available in three sizes and two airflow capacities – 1,400 and 2,000 cubic feet per minute (CFM). Both offer an optional washable, removable pre-filter for large particles and an optional charcoal after-filter that removes common household odors such as pet and smoke odors.

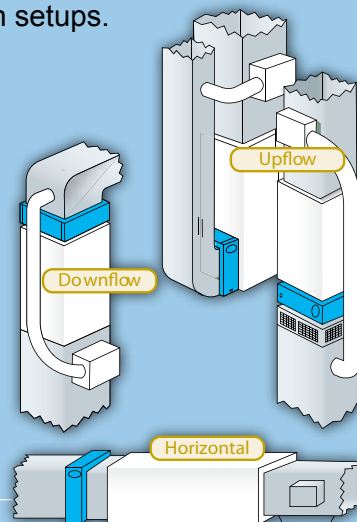
## How It Works

The air cleaner is mounted directly to the home's heating and cooling system. A high efficiency Air Bear® media filter captures the smaller, invisible particles that are present in your home's air. Air Bear® outperforms the competition because of its highly efficient synthetic material, radial pleating and an omni-directional airflow design. It has been proven to have a higher dirt holding capacity than competitive filters. That means fewer filter changes and money in your pocket!



## Installation Methods

Trion® media air cleaners work within all types of heating and cooling system configurations. Trion® whole-house air cleaners can be easily installed and are suitable for use with all types of central forced-air heating and cooling system configurations. These illustrations show you where the air cleaners should be installed in four common setups.







Trion® Media Air Cleaners come with a ten-year limited warranty.



Electronic Air Cleaners

To learn more about Trion® residential products, contact your local Trion® representative or you can visit us on the web at [www.TRIONINC.com](http://www.TRIONINC.com)



Humidifiers

# TRION®

## Air Purification Systems

Trion®

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